# AN INDEX-CATALOGUE OF AFRICAN PHANEROPTERINAE (ORTHOPTERA : TETTIGONIIDAE)

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# AN INDEX-CATALOGUE OF AFRICAN PHANEROPTERINAE

(ORTHOPTERA: TETTIGONIIDAE)

# By D. R. RAGGE

### CONTENTS

									Page
Synopsis.									75
Introduction									
TREATMENT									
THE STATUS OF	THE	Рна	NERO	PTERI	NAE				78
CATALOGUE OF									
References									
INDEX .									-

### SYNOPSIS

A catalogue is given of all the genera and species of Phaneropterinae known at present to occur in Africa and its off-shore islands (but not those of the Mediterranean Sea or the Malagasy Subregion), and in the Arabian peninsula. The species are arranged alphabetically under the genera to which they have been assigned in the most recent literature, and the arrangement of the genera is also alphabetical. Generic and specific synonyms, junior homonyms and deliberate variations in spelling are listed chronologically under the valid name. The type-species is cited for all generic names, and full information on the type-material is given for all specific names. The catalogue includes 115 genus-group and 358 species-group names; of these, eighty-three generic, 295 specific and seven subspecific names are currently regarded as valid. The status of the Phaneropterinae is discussed.

### INTRODUCTION

This catalogue has been compiled as the first stage of a comprehensive revision of the African Phaneropterinae. It includes all the species of Phaneropterinae known at present to occur in Africa, listed alphabetically under the genera to which they have been assigned in the most recent literature. As a deliberate policy, no new combinations (with the exception of an unavoidable one mentioned below) or synonyms are established in this paper; any necessary nomenclatorial changes will appear in the systematic revision to be published later. With the exception of groups covered by recent revisions (Ragge, 1955, 1956a, 1956b, 1957, 1960a, 1960b, 1961a, 1961b, 1962a, 1962b, 1964) the nomenclature will thus be subject to some alteration during the next few years. However, the standard of taxonomic work on the Tettigoniidae during most of the past century has been remarkably high and there are very few nomenclatorial problems.

The geographical region covered by this catalogue includes the whole of the African mainland and off-shore islands (e.g. Socotra, Zanzibar and the islands of the Gulf of Guinea) and the Arabian peninsula, but excludes the Malagasy Sub-region; there is

such a high degree of endemism in the Phaneropterinae of this sub-region that it is more appropriate to treat them separately. The Mediterranean islands are not included, and the inclusion of North Africa adds only thirteen species, all belonging to the genus *Odontura* Rambur.

### TREATMENT

The eventual systematic arrangement of the African genera of Phaneropterinae will naturally depend on the comprehensive revision to be undertaken during the next few years, and it has therefore been thought better at this stage to list the genera alphabetically. Generic synonyms, junior homonyms and deliberate variations in spelling are listed chronologically under the valid generic name. The entries for each genus and generic synonym include a reference to the original description and the citation of the type-species and its mode of fixation; where the type-species was fixed by subsequent designation, a bibliographical reference is given to the fixation. The type-species is cited in its original combination; where it is now a junior synonym the present valid name is given in brackets. Where a type-species does not occur in Africa, the country of the type-locality is given in brackets. All generic synonyms are cited, including those based on non-African type-species; the type-species are cited in the same way as those of valid generic names.

The African species of each genus are listed alphabetically, together with references to their original descriptions and a statement of the nature and data of the type-material and the institution in which the type-material is housed. The absence of any information on the number and sex of the specimens in the type-series indicates that this information was not given with the original description and has not been determined subsequently. Where a species is based on a type-series from more than one locality, the citation of one depository after the last locality indicates that all the type-material is believed to be in that depository. It should be noted that the stated numbers of syntypes are not always known for certain, but always with at least a high degree of probability. A number of species described by Sjöstedt (1909) from Kilimanjaro and Meru were based on long series of syntypes, a proportion of which were sent out from Stockholm, where Sjöstedt worked, to other museums; as the exact extent of this distribution of syntypes is unknown, the only depository cited in these cases is the Naturhistoriska Riksmuseum, Stockholm.

Where a species has been transferred from its original genus, the name of the latter is given in brackets after the reference to the original description; a change in status is noted in a similar way. A question-mark before the original genus indicates that the original generic assignment was doubtful; one before the specific name itself indicates that the present generic assignment is doubtful. Where a species is currently regarded as polytypic, an entry is given for each subspecies and there is no separate entry for the species as a whole.

Specific synonyms (including those based on non-African type-specimens) and deliberate variations in spelling are indented and listed chronologically under each species or subspecies; they are otherwise given the same treatment as valid specific names. A question-mark before a specific synonym indicates that the synonymy is doubtful.

Territories in which type-localities are situated are given their current political names. Where the country is unknown the locality data originally published is quoted between inverted commas. Provinces are not cited unless given with the published locality data except in the case of South African specimens, for which the provinces (if known) are always cited.

Where a lectotype has been designated a bibliographical reference is given to the designation. No lectotypes are designated in this catalogue.

The museums and other institutions in which the type-material is housed are abbreviated in this catalogue as follows.

ANS	Academy of Natural Sciencies of Philadelphia.
BMNH	British Museum (Natural History).
DEI	Deutsches Entomologisches Institut, Eberswalde (East Germany).
EIETH	Entomologisches Institut of the Eidgenössische Technische Hochschule, Zürich.
IEE	Instituto Español de Entomología, Madrid.
ILEA	Instituto e Laboratorio di Entomologia Agraria, Portici.
IMZU	Istituto e Museo di Zoologia of the Università di Torino, Turin.
IRSNB	Institut Royal des Sciences Naturelles de Belgique, Brussels.
IZPAN	Instytut Zoologiczny of the Polska Akademia Nauk, Warsaw.
IZU	Istituto di Zoologia of the Università di Pavia.
MCSN	Museo Civico di Storia Naturale, Genoa.
MHN	Muséum d'Histoire Naturelle, Geneva.
MLZA	Museu e Laboratório Zoológico e Antropológico, Lisbon.
MNHN	Muséum National d'Histoire Naturelle, Paris.
MRAC	Musée Royal de l'Afrique Centrale, Tervuren.
NM	Naturhistorisches Museum, Vienna.
NR	Naturhistoriska Riksmuseum, Stockholm.
SAM	South African Museum, Cape Town.
SMN	Staatliches Museum für Naturkunde, Stuttgart.
TM	Természettudományi Múzeum, Budapest.
UM	University Museum, Oxford.
UZI	Universitetets Zoologiska Institution, Lund.
ZM	Zoologisches Museum, Hamburg.
ZMHU	Zoologisches Museum of the Humboldt-Universität, Berlin.

In the course of compiling this catalogue I have come across one generic and two specific names published before Kirby's catalogue of 1906, but not included in it. The generic name is Cameronia, which first appeared in the combination Symmetropleura (Cameronia) africana Brunner in a paper by Karsch (1889: 450). The name was ignored by Brunner (1891) in the supplement to his earlier monograph (Brunner, 1878) but was quoted, in the same combination, by Bolívar (1906: 349). As far as I know these are the only two occasions on which this name has appeared in print. Cameronia is clearly a genus-group name and is available under Article 16 (a) (v) of the International Code of Zoological Nomenclature, with Symmetropleura africana Brunner as its type-species, by monotypy. It seems highly improbable that Karsch intended the name to be regarded as a subgenus of Symmetropleura Brunner; there is no other instance of either him or his contemporary Brunner using a subgeneric name, and on the following page of his 1889 paper (op. cit., p. 451) he describes another

species of Symmetropleura without giving it a subgeneric assignment. It seems more likely that Karsch was considering Cameronia as an alternative generic name for Symmetropleura africana Brunner, and so cited it in brackets. No subgenera are recognized in this catalogue and I have merely listed Cameronia in the synonymy of Symmetropleura. If, as seems probable, revisionary work shows that the African species at present assigned to the otherwise New World genus Symmetropleura should be separated at the generic level, the name Cameronia is available for any resulting

genus that contains Symmetropleura africana Brunner.

The two specific names missed by Kirby (1906) are Cestromoecha crassipes Karsch (described in a footnote—Karsch, 1890: 364) and Rhegmatopoda brunneri Kirby. The latter name, proposed as a nomen novum (Kirby, 1900: 215), was based on Brunner's (1878: 89) description of a male specimen from Grahamstown in the Naturhistorisches Museum, Vienna, then regarded by Brunner as Horatosphaga leptocerca Stål, and Kirby's examination of a male specimen from Barberton in the British Museum (Natural History). Although these specimens were not described by Kirby, the name R. brunneri is available under Article 16 (a) (i) of the International Code of Zoological Nomenclature. The name Rhegmatopoda Brunner has since become a junior synonym of Conchotopoda Karsch (Ragge, 1960a: 325) and brunneri is thus listed in this catalogue under Conchotopoda Karsch, forming the new combination Conchotopoda brunneri (Kirby) comb. n.

# THE STATUS OF THE PHANEROPTERINAE

The inter-relationships and systematic arrangement of the African genera of Phaneropterinae will be considered in the course of forthcoming revisionary work, but it is appropriate at this stage to consider briefly the status of the group as a whole.

The Phaneropterinae have been regarded as a subfamily of Tettigoniidae (also called at various times, and often in a broader sense, Locustariae, Locustina, Locustidae, Locustodea and Phasgonuridae) for well over a century: they were given this status, together with *Mecopoda* and *Phyllophora* (now the type-genera of two other subfamilies), by Burmeister (1838:684). In 1878 Brunner, in his classic *Monographie der Phaneropteriden*, established the group in its present sense and laid the foundation for all subsequent systematic work on the Phaneropterinae. The subfamily suffix -inae was not in use at this time, but Brunner referred to the group as a "Subfamilie" and used for it the Latin category "tribus". Brunner reaffirmed his classification in his works of 1891 and 1893. The group-name appeared with the currently used subfamily suffix in Saussure & Pictet's work of 1897, and was again used in this form by Kirby (1906). This usage was adopted almost universally and still prevails today (Bei-Bienko, 1954, 1964; Blatchley, 1920; Brues, Melander & Carpenter, 1954; Chopard, 1922, 1943, 1947; Essig, 1947; Grant, 1964; Imms, 1957; Zeuner, 1936a).

During this period the general classification of the Ensifera came under the strong stabilizing influence of two major works on their morphology and phylogeny, one by Ander and the other by Zeuner, published almost simultaneously in 1939. The thoroughness and comprehensiveness of these studies clearly makes them the best available basis for considering the inter-relationships of the sub-groups of Ensifera,

and it is significant that the classifications adopted in the two works are almost identical. The Phaneropterinae were again regarded as a subfamily of the Tettigoniidae.

This long period of stability in the status of the Phaneropterinae has been affected during the past twenty years by a movement among European orthopterists to raise the status of nearly all the groups of Saltatoria, i.e. to elevate most of the families to superfamilies or even suborders, and most of the subfamilies to families. This movement does not stem from new morphological or phylogenetic discoveries but simply from the view that these groups are at present ranked at too low a level, or, in one case (Dirsh, 1961: 358), from the belief that family and subfamily rank can be objectively defined. The effect of this action on the Phaneropterinae is to raise them to family rank, the Tettigoniidae becoming a superfamily more restricted in scope than the Tettigonioidea of Ander (op. cit.), which is left without a name.

Although there are a few earlier instances of the Phaneropterinae being accorded family status (e.g. Burr, 1910; Zacher, 1917), the first major recent work in which this was done was that of Chopard (1949), and the practice has since been adopted by Beier (1955) and in the faunal works of Harz (1957, 1960). Although it seems likely that some other modern orthopterists whose specialities lie outside the Ensifera would favour family status for the Phaneropterinae, the group is still regarded as a subfamily in most recent taxonomic publications in both Europe and America (e.g. Bei-Bienko, 1964; Grant, 1964; Karabag, 1964; Ragge, 1964); indeed, some orthopterists (e.g. Uvarov, 1924: 492–493; Zeuner, 1936a: 107, 1936b: 300–301, 1939: 115) have suggested that a number of the other subfamilies of Tettigoniidae would be better regarded as tribes.

There is of course a trend during the earlier stages of the taxonomic study of all groups towards the raising in rank of each level of the hierarchy, and it may seem at first sight that there is still a need for such a trend in the classification of the Ensifera. However, in my view the classification firmly established by Ander (op. cit.) and since widely adopted by orthopterists offers an acceptable compromise in the rank accorded to each group, and there is no reason why it should not be used, with minor modifications, as a framework for taxonomic work on this suborder for many years to come. In the case of the Phaneropterinae there is room for only one category between the group as a whole and its genera, one that is well provided for by tribes; if the group is regarded as a family, either the subfamily or tribe category will be left unemployed. This is not the place for further discussion of the problems of the classification of the Ensifera; it suffices for me to lend my support to the view still expressed by the majority of orthopterists—that the Phaneropterinae are best regarded as a subfamily.

# CATALOGUE OF AFRICAN PHANEROPTERINAE

# PHANEROPTERINAE Burmeister

Phaneropteridae Burmeister, 1838: 684.

Camptoxiphae Serville, [1838]: 399. (Not based on the name of a contained genus and therefore unavailable under Article II (e) of the *International Code of Zoological Nomenclature*.) Phaneropterinae; Saussure & Pictet, 1897: 310.

Vienna).

# ANISOTOCHRA Karsch

Anisotochra Karsch, 1889: 430. Type-species: Anisotochra gracilipes Karsch, by monotypy.

gracilipes Karsch, 1889 : 431. Holotype♀, Congo (Kinshasa): Kuako to Kimpoko (ZMHU, Berlin).

# ARANTIA Stål

Arantia Stål, 1874: 25. Type-species: Holochlora fatidica Stål, by monotypy.

accrana Karsch, 1889: 436. Holotype Q, Ghana: Accra (ZMHU, Berlin).

angustipennis Chopard, 1954: 36. Holotype & Guinea: Nimba (MNHN, Paris). brevipes Chopard, 1954: 37. 1 3, 1 \( \rightarrow \) syntypes, Guinea: Nimba (MNHN, Paris). excelsior Karsch, 1889: 435. Holotype &, Sierra Leone (IZPAN, Warsaw). fasciata Walker, 1869: 378 (Phylloptera). Holotype Q, GAMBIA (BMNH, London). atrolineata Brunner, 1891: 69. Holotype Q, "SLAVE COAST" (EIETH, Zürich). fatidica Stål, 1873: 43 (Holochlora). Holotype & Sierra Leone (NR, Stockholm). gabunensis Brunner, 1891: 64. Holotype Q, GABON (NM, Vienna). gestri Griffini, 1906: 384. Holotype &, Congo (Brazzaville): N'jole (MCSN, Genoa). hydatinoptera Karsch, 1889: 436. 1 ♂, 1♀ syntypes, Nigeria (IZPAN, Warsaw). latifolia Karsch, 1890c: 356. 1 &, 1 & syntypes, Cameroun: Barombi (ZMHU, Berlin). leptocnemis Karsch, 1890c: 358. Holotype Q, Cameroun: Barombi (ZMHU, Berlin). mammisignum Karsch, 1896: 332. Holotype Q, Cameroun: Lolodorf (ZMHU, Berlin). manca Bolívar, 1906: 332. Holotype &, Cameroun (IEE, Madrid). marmorata Karsch, 1889: 435. Holotype Ω, "Congo" (IZPAN, Warsaw). melanotus Sjöstedt, 1901: 6. Holotype & Cameroun: Bonge (NR, Stockholm). orthocnemis Karsch, 1890c: 357. I & syntype, Cameroun; I Q syntype, Cameroun: Barombi (ZMHU, Berlin). ovalipennis Chopard, 1954: 38. Holotype Q, Guinea: Nimba, N'Zo (MNHN, Paris). rectifolia Brunner, 1878: 137. Holotype J, Fernando Poo (NM, Vienna). regina Karsch, 1888: 434. Holotype ♀, Gabon (ZMHU, Berlin). retinervis Karsch, 1888: 437. 2 3 syntypes, Cameroun: Barombi (ZMHU, Berlin); 1 3 syntype, "Chinchoxo" (ZMHU, Berlin); I & syntype, SIERRA LEONE (IZPAN, Warsaw). scurra Karsch, 1896: 331. Holotype & Cameroun: Lolodorf (ZMHU, Berlin). simplicinervis Karsch, 1889: 438. I & syntype, "Chinchoxo"; I & syntype, Congo (Kin-SHASA): Kuako to Kimpoko (ZMHU, Berlin).

# ATLASACRIS Rehn

spinulosa Brunner, 1878: 137. 1 3, 2 \, syntypes, South Africa: Natal, Durban (NM,

Atlasacris Rehn, 1914: 153. Type-species: Atlasacris peculiaris Rehn, by original designation.

peculiaris Rehn, 1914: 154. Holotype &, "Оst-Аfrika" (ZMHU, Berlin).

tigrina Bolívar, 1906: 330. Holotype & Fernando Poo (IEE, Madrid). ugandana Rehn, 1914: 176. Holotype Q, Uganda (DEI, Eberswalde).

### AZAMIA Bolívar

Azamia Bolívar, 1906: 339. Type-species: Azamia biplagiata Bolívar, by monotypy.

biplagiata Bolívar, 1906 : 341. Holotype &, Cameroun (IEE, Madrid). doriae Griffini, 1906 : 395 (Vossia). Holotype &, Fernando Poo: Musola (MCSN, Genoa).

# **BONGEIA** Sjöstedt

Bongeia Sjöstedt, 1901: 9. Type-species: Bongeia puncticollis Sjöstedt, by monotypy

brevicauda Ebner, 1943: 265. Holotype Q, Fernando Poo (DEI, Eberswalde). puncticollis Sjöstedt, 1901: 9. Holotype Q, Cameroun (NR, Stockholm).

# BUEACOLA Sjöstedt

Bueacola Sjöstedt, 1912: 7. Type-species: Bueacola cornigera Sjöstedt, by monotypy.

cornigera Sjöstedt, 1912: 8. Holotype &, Cameroun: Buea (NR, Stockholm).

# BUETTNERIA Karsch

Büttneria Karsch, 1889:444. Type-species: Buettneria maculiceps Karsch, by monotypy. Buettneria Karsch, Brunner, 1891:105.

Stenacropteryx Karsch, 1896: 339. Type-species: Stenacropteryx eburneiguttata Karsch (= Buettneria maculiceps Karsch), by monotypy.

maculiceps Karsch, 1889 : 445. Holotype ♀, Congo (Kinshasa): Kuako to Kimpoko (ZMHU, Berlin).

eburneiguttata Karsch, 1896 : 339 (Stenacropteryx). Holotype & Cameroun : Lolodorf (ZMHU, Berlin).

# CATOPTROPTERYX Karsch

Catoptropteryx Karsch, 1890c: 361. Type-species: Catoptropteryx guttatipes Karsch, by monotypy (two other species doubtfully included).

afra Karsch, 1889 : 446 (Caedicia). Holotype ♀, Nigeria: Benue (IZPAN, Warsaw). apicalis Bolívar, 1893 : 177 (Caedicia). Holotype ♀, Ivory Coast: Assinie (IEE, Madrid).

capreola Karsch, 1896: 332. Holotype &, Cameroun: Lolodorf (ZMHU, Berlin).

extensipes Karsch, 1896: 336. Holotype & Cameroun: Lolodorf (ZMHU, Berlin).

guttatipes Karsch, 1890c: 362. Holotype & Cameroun: Barombi (ZMHU, Berlin). immaculipennis Karsch, 1896: 333. Holotype & Cameroun: Lolodorf (ZMHU, Berlin). latipennis Chopard, 1955: 267. Holotype & South Africa: Cape Province, Tzitzikama

Forest, Stormsrivierpiek (UZI, Lund).

maculipennis Karsch, 1896: 333. Holotype Q, Cameroun: Lolodorf (ZMHU, Berlin).

neutralipennis Karsch, 1896: 334. I & syntype, Togo: Misahöhe; I Q syntype, Togo: Bismarckburg (ZMHU, Berlin).

nigrospinosa Brunner, 1891: 97 (Caedicia). Holotype Q, Cameroun (IZPAN, Warsaw). punctulata Karsch, 1890b: 260 (Caedicia). Holotype Q, Cameroun: Kribi (ZMHU, Berlin). signatipennis Karsch, 1896: 334. I ♂ syntype, Cameroun: Victoria; I ♀ syntype, Cameroun: Lolodorf (ZMHU, Berlin).

# CESTROMOECHA Karsch

Cestromoecha Karsch, 1893: 128. Type-species: Poreuomena tenuipes Karsch, by original designation.

crassipes Karsch, 1890c: 364 (Poreuomena). Holotype Q, Cameroun (ZMHU, Berlin).

mundamensis Karsch, 1896: 338. 1 3, 1 Q syntypes, Cameroun: Mundame (ZMHU, Berlin).

tenuipes Karsch, 1890c: 363 (Poreuomena). 3 Q syntypes, Cameroun: Barombi (ZMHU, Berlin).

# CONCHOTOPODA Karsch

Conchotopoda Karsch, 1887a: 44. Type-species: Conchotopoda belcki Karsch, by monotypy. Rhegmatopoda Brunner, 1891: 44. Type-species: Horatosphaga leptocerca Stål, by monotypy.

belcki Karsch, 1887a: 45. Holotype &, South West Africa: Damaraland (ZMHU, Berlin). brunneri Kirby, 1900: 215 (Rhegmatopoda) (see p. 78). I & syntype, South Africa: Transvaal, Barberton (BMNH, London); I & syntype, South Africa: Cape Province, Grahamstown (NM, Vienna).

crassicauda Ragge, 1960a: 328. Holotype &, South Africa: Transvaal, Pietersburg (SAM, Cape Town).

grallatoria Stål, 1856: 170 (?Phaneroptera). Holotype 3, South Africa: "Caffraria" (NR, Stockholm).

leptocerca Stål, 1876: 59 (Horatosphaga). Holotype 3, South West Africa: Damara (NR, Stockholm).

parva Ragge, 1960a: 330. Holotype 3, South Africa: Orange Free State, Witzieshoek (BMNH, London).

# CORYCOMIMA Karsch

Corycomima Karsch, 1889: 457 (proposed conditionally, but available from this date under Article 17 (8) of the International Code of Zoological Nomenclature). Type-species: Plangia camerata Karsch (= Corycomima flavescens (Walker)), by monotypy.

Corycomima Karsch, Karsch, 1896: 343 (proposed unconditionally).

flavescens Walker, 1869: 386 (Orophus). Holotype Q, Gambia (BMNH, London). camerata Karsch, 1889: 457 (Plangia). Holotype Q, Cameroun: Barombi (ZMHU, Berlin).

# CORYMETA Brunner

Corymeta Brunner, 1878: 126. Type-species: Phaneroptera amplectens Schaum, by monotypy.

amplectens Schaum, 1853: 777 (Phaneroptera). Holotype & Mozambique (ZMHU, Berlin).

# DANNFELTIA Sjöstedt

Dannfeltia Sjöstedt, 1901: 19. Type-species: Dannfeltia nana Sjöstedt, by monotypy. nana Sjöstedt, 1901: 19. Holotype 3, "Kongo" (NR, Stockholm).

### DAPANERA Karsch

Dapanera Karsch, 1889: 441. Type-species: Dapanera genuteres Karsch, by monotypy.

eidmanni Ebner, 1943: 263. Holotype & Fernando Poo (DEI, Eberswalde). genuteres Karsch, 1889: 441. 2 & syntypes, Ghana: Accra (ZMHU, Berlin).

irregularis Karsch, 1890b: 258. 1 &, 1 \, syntypes, Cameroun: Kribi (ZMHU, Berlin).

### **DEBRONA** Walker

Debrona Walker, 1870: 480. Type-species: Debrona cervina Walker, by monotypy.

Otiaphysa Karsch, 1889: 453. Type-species: Otiaphysa habetata Karsch (= Debrona cervina Walker), by monotypy.

angustipennis Burr, 1900: 43 (Otiaphysa). Holotype Q, Somali Republic: Whardi Datal (UM, Oxford).

cervina Walker, 1870: 481. Holotype Q, South Africa (BMNH, London).

habetata Karsch, 1889: 454 (Otiaphysa). Holotype Q, Tanzania: Usambara (ZMHU, Berlin).

# DIOGENA Brunner

Diogena Brunner, 1878: 224. Type-species: Phaneroptera fausta Burmeister, by monotypy.

denticulata Chopard, in Chopard & Kevan, 1954: 328. Holotype Q, Kenya: Northern Frontier Distr., El Wak (BMNH, London).

fausta Burmeister, 1838: 689 (Phaneroptera). Holotype J, Sudan: Nubia (ZMHU, Berlin).

# **DIONCOMENA** Brunner

Dioncomena Brunner, 1878: 208. Type-species: Dioncomena ornata Brunner, by monotypy.

ornata Brunner, 1878: 208. 2 ♂, 1 ♀ syntypes, "Zanzibar" (NM, Vienna); 1 ♂ syntype, "Zanzibar" (IEE, Madrid).

superba Karsch, 1889: 449. Unknown number of syntypes of both sexes, Tanzania: Bondei and Usambara (ZMHU, Berlin).

# DITHELA Karsch

Dithela Karsch, 1890c: 354. Type-species: Dithela rectiloba Karsch, by monotypy.

acuticercus Sjöstedt, 1912: 5. 2 ♂, 1♀ syntypes, Cameroun: Buea (NM, Stockholm). rectiloba Karsch, 1890c: 355. 1 ♂, 2♀ syntypes, Cameroun: Barombi (ZMHU, Berlin).

# DREPANOPHYLLUM Karsch

Drepanophyllum Karsch, 1890c: 358. Type-species: Drepanophyllum marmoratum Karsch, by monotypy.

Karschia Brunner, 1891: 41. Type-species: Karschia corrosa Brunner (= Drepanophyllum marmoratum Karsch), by monotypy.

corrosifolium Karsch, 1896: 326. Unknown number of syntypes of both sexes, Cameroun: Yaunde and Lolodorf (ZMHU, Berlin).

furcatum Ragge, 1962a: 307. Holotype ♂, UGANDA: Entebbe (BMNH, London). marmoratum Karsch, 1890c: 360. Holotype ♀, Cameroun: Barombi (ZMHU, Berlin). corrosa Brunner, 1891: 41 (Karschia). Holotype ♀, Cameroun (IZPAN, Warsaw).

# **DUCETIA** Stål

Ducetia Stål, 1874: 11. Type-species: Locusta japonica Thunberg, by monotypy (type-locality: Japan).

Paura Karsch, 1889: 439. Type-species: Paura biramosa Karsch, by subsequent designation (Kirby, 1906: 407).

Pseudisotima Schulthess, 1898: 199. Type-species: Pseudisotima punctata Schulthess, by monotypy.

Kuwayannea Matsumura & Shiraki, 1908: 7. Type-species: Kuwayannaea sapporensis Matsumura & Shiraki (= Ducetia chinensis (Brunner)), by original designation (type-locality: Japan).

Telaea Bolívar, 1922: 201. Type-species: Telaea quadripunctata Bolívar (= Ducetia punctipennis (Gerstaecker)), by monotypy.

biramosa Karsch, 1889: 439 (Paura). Holotype ♀, Tanzania: Usambara (ZMHU, Berlin). chelocerca Ragge, 1961a: 197. Holotype ♂, South Africa: Transvaal, junction of Crocodile and Marico Rivers (SAM, Cape Town).

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costata Ragge, 1961a: 196. Holotype ♂, Congo (Kinshasa): Nyangwe (MRAC, Tervuren). crosskeyi Ragge, 1961a: 192. Holotype ♂, Nigeria: Niger Province, Diko (BMNH, London). fuscopunctata Chopard, 1954: 35. Holotype ♂, Guinea: Nimba, Yalanzou (MNHN, Paris). loosi Griffini, 1908b: 204. Holotype ♀, Congo (Kinshasa): Popocabacca (IRSNB, Brussels). macrocerca Ragge, 1961a: 195. Holotype ♂, Congo (Kinshasa): Katanga, Kiambi (MRAC, Tervuren).

parva Ragge, 1961a: 205. Holotype & Somali Republic: Haud (BMNH, London).

punctata Schulthess, 1898: 199 (Pseudisotima). Holotype Q, Етніоріа: Girma (MCSN, Genoa).

punctipennis Gerstaecker, 1869: 215 (Phaneroptera). Holotype & Kenya: Mt. Ndara (ZMHU, Berlin).

reticulosa Karsch, 1889: 440 (Paura). Holotype Q, Kenya: Mombasa (ZMHU, Berlin). quadripunctata Bolívar, 1922: 201 (Telaea). Holotype &, Kenya: Simba (lost).

ramulosa Ragge, 1961a: 198. Holotype 3, Zambia: Luano Valley, R. Mulungushi (BMNH, London).

sagitta Ragge, 1961a: 199. Holotype &, Angola: Lepi (BMNH, London).
vitriala Ragge, 1961a: 204. Holotype &, Somali Republic: Haud (BMNH, London).

# ENOCHLETICA Karsch

Enochletica Karsch, 1896: 336. Type-species: Enochletica ostentatrix Karsch, by monotypy.

ostentatrix Karsch, 1896: 337. Unknown number of syntypes of both sexes, Cameroun: Lolodorf (ZMHU, Berlin).

# EPIPHLEBUS Karsch

Epiphlebus Karsch, 1896: 325. Type-species: Epiphlebus crypterius Karsch, by monotypy.

crypterius Karsch, 1896 : 325. Holotype ♀, Somali Republic (type-depository unknown). ruspolii Schulthess, 1898 : 197. Holotype ♀, Somali Republic: Ganana (MCSN, Genoa).

# EULIOPTERA Ragge

Eulioptera Ragge, 1956a: 266. Type-species: Phaneroptera reticulata Brunner, by original designation.

breviala Ragge, 1956a: 277. Holotype & Congo (Kinshasa): Kivu, Kibumba (MRAC, Tervuren).

longicerca Ragge, 1956a: 273. Holotype &, Congo (Kinshasa): Kinshasa (MRAC, Tervuren). reticulata leptomorpha Ragge, 1956a: 271. Holotype &, Zambia: Mporokoso distr., Mweru Wa Ntipa (BMNH, London).

reticulata reticulata Brunner, 1878: 213 (Phaneroptera reticulata). Holotype Q, South Africa: Cape Province, Grahamstown (NM, Vienna).

spinulosa Ragge, 1956a: 274. Holotype & Congo (Kinshasa): Kasenyi (BMNH, London).

# EURYCORYPHA Stål

Eurycorypha Stål, 1873: 40. Type-species: Phylloptera cereris Stål, by original designation.

Myrmecophana Brunner, 1883: 248. Type-species: Myrmecophana fallax Brunner, by monotypy.

adicra Karsch, 1892b: 75. Holotype  $\mathfrak{P}$ , Cameroun: Buea (ZMHU, Berlin). aequatorialis Krauss, 1890: 663. Holotype  $\mathfrak{P}$ , Rolas I. (Gulf of Guinea) (SMN, Stuttgart).

arabica arabica Uvarov, 1936: 534. Holotype &, Saudi Arabia: S. Hedjaz, Taif (BMNH, London).

arabica media Uvarov, 1936: 535. 3 З syntypes, Saudi Arabia: El Kubar (BMNH, London). arabica reducta Uvarov, 1936: 536. Holotype З, South Arabia: Hadramaut, Wadi Humum, nr. Makalla (ZM, Hamburg).

brevicollis Stål, 1876: 61. Holotype Q, South West Africa: Ovambo (NR, Stockholm). canaliculata Karsch, 1890b: 261. Holotype 3, Cameroun: Kribi (ZMHU, Berlin).

cereris Stål, 1856: 170 (Phylloptera). Holotype 3, South Africa: Natal, Durban (NR, Stockholm).

compressa Walker, 1869: 386 (Orophus). Holotype 3, South Africa (BMNH, London). cuspidata Krauss, 1901: 292. 1 3 syntype, South West Africa: Okahandja; 1 3 syntype, South West Africa: Windhoek (SMN, Stuttgart).

darlingi Uvarov, 1936: 536. Holotype & South Yemen: Makhnung (BMNH, London). diminuta Chopard, 1938: 121. Holotype & Kenya: Turkana Desert, Lodwar (MNHN, Paris).

fallax Brunner, 1883: 248 (Myrmecophana). Nymphal holotype, sex unknown, Sudan: Ambucarra (IRSNB, Brussels).

montana Sjöstedt, 1901. Holotype ♀, Cameroun: Mapanja (NR, Stockholm).

mutica Karsch, 1892 : 327. Holotype ♀, Cameroun: Barombi (ZMHU, Berlin).

ornatipes Karsch, 1890b: 260. Holotype &, Cameroun: Kribi (ZMHU, Berlin).

proserpinae Brunner, 1878: 274. Holotype Q, South Africa: Natal, Durban (NM, Vienna). punctipennis Chopard, 1938: 121. Holotype Q, Kenya: Mt. Elgon (MNHN, Paris).

securifera Brunner, 1878: 275. Holotype 3, South West Africa: Herrero-Land (NM, Vienna).

simillima Chopard, in Chopard & Kevan, 1954: 330. Holotype & Kenya: N. Turkana, Lokitaung (BMNH, London).

spinulosa Karsch, 1889 : 455. Holotype Q, Congo (Kinshasa): Kuako to Kimpoko (ZMHU, Berlin).

strangulata Walker, 1869 : 385 (*Orophus*). I♀syntype, Sierra Leone; I♀syntype, ''West Africa'' (BMNH, London).

stylata Stål, 1873: 43. Holotype &, Sierra Leone (NR, Stockholm).

sudanensis Giglio-Tos, 1907: 18. Holotype &, Sudan: Port Sudan (IMZU, Turin).

varia Brunner, 1891: 136. 1 ♂, 1♀ syntypes, Tanzania: Kilimanjaro (NM, Vienna).

velicauda Karsch, 1893: 131. 1 ♂, 1♀, 1 nymphal syntypes, Togo: Bismarckburg (ZMHU, Berlin).

zebrata Bruner, 1920: 135. Holotype Q, CAMEROUN: Lolodorf (ANS, Philadelphia).

# GABONELLA Uvarov

Gabonia Bolívar, 1906: 327. Type-species: Gabonia cothurnata Bolívar, by monotypy. (Homonym of Gabonia Jacoby, 1893: 101.)

Gabonella Uvarov, 1940a: 174 (proposed as replacement name for Gabonia Bolívar).

cothurnata Bolívar, 1906: 328 (Gabonia). 2 ♂, 3♀ syntypes, Cameroun (IEE, Madrid).

### GELATOPOIA Brunner

Gelatopoïa Brunner, 1891: 111. Type-species: Gelatopoïa bicolor Brunner, by monotypy. Gelatopoïa Brunner, Bolívar, 1906: 349.

Gelatopoea Kirby, 1906: 439. (Unjustified emendation.)

bicolor Brunner, 1891: 112. Holotype &, Sierra Leone (IZPAN, Warsaw).

# GOETIA Karsch

Goëtia Karsch, 1892a: 322. Type-species: Goetia galbana Karsch, by monotypy. Goetia Karsch, Kirby, 1906: 428.

dimidiata Bolívar, 1906: 335. I ♂, I ♀ syntypes, Cameroun; I ♂, I ♀ syntypes, Fernando Poo; I ♂, I ♀ syntypes, no data (IEE, Madrid).

galbana Karsch, 1892a: 323. Holotype ♀, Cameroun: Barombi (ZMHU, Berlin).

### GONATOXIA Karsch

Gonatoxia Karsch, 1889: 441. Type-species: Gonatoxia immaculata Karsch, by subsequent designation (Kirby, 1906: 424).

tmmaculata Karsch, 1889 : 442. Holotype ♀, Tanzania: Usambara (ZMHU, Berlin). maculata Karsch, 1889 : 442. Holotype ♂, Somali Republic (IZPAN, Warsaw).

# GRAVENREUTHIA Karsch

Gravenreuthia Karsch, 1892b: 73. Type-species: Gravenreuthia saturata Karsch, by monotypy.

saturata Karsch, 1892b: 74. 1 ♂, 2 \( \text{syntypes, Cameroun} : \text{Buea (ZMHU, Berlin).} \)

# HARPOSCEPA Karsch

Harposcepa Karsch, 1896: 328. Type-species: Harposcepa lobulipennis Karsch, by monotypy. 1896.

karschiana Schulthess, 1898 : 202. Holotype ♀, Somali Republic (or Ethiopia?): Gubbet (IZU, Pavia).

lobulipennis Karsch, 1896: 329. Holotype Q, Somali Republic (type-depository unknown).

### HIMERTULA Uvarov

Himerta Brunner, 1878: 118. Type-species: Himerta marginata Brunner, by monotypy (type-locality: India). (Homonym of Himerta Foerster, 1868: 200.)

Himertula Uvarov, 1940a: 174 (proposed as replacement name for Himerta Brunner).

feana Griffini, 1906: 380 (Himerta). Holotype 3, Congo (Brazzaville): Nkogo (MCSN, Genoa).

### HORATOSPHAGA Schaum

Horatosphaga Schaum, 1853: 778. Type-species: Horatosphaga serrifera Schaum, by monotypy. Plegmatoptera Karsch, 1889: 429. Type-species: Plegmatoptera reticulata Karsch, by monotypy. (Homonym of Plegmatoptera Spinola, 1839: 283.)

Pantolepta Karsch, 1889: 429. Type-species: Pantolepta heteromorpha Karsch, by monotypy. Pachypyga Karsch, 1893: 124. Type-species: Pachypyga inclusa Karsch, by monotypy. (Homonym of Pachypyga Steinheil, 1873: 564.)

Euthyphlebia Schulthess, 1898: 204. Type-species: Euthyphlebia parallela Schulthess (= Horato-sphaga heteromorpha (Karsch)), by monotypy.

Thaumatoxenia Kirby, 1909: 65. Type-species: Thaumatoxenia leggei Kirby, by monotypy.

Keniacola Sjöstedt, 1912: 13. Type-species: Keniacola gracilis Sjöstedt, by monotypy.

Schulthessinia Sjöstedt, 1912: 15. Type-species: Conchotopoda ruspolii Schulthess, by original designation.

Pachypygiana Strand, 1921: 106 (proposed as replacement name for Pachypyga Karsch).

Eupantolepta Bolívar, 1922: 200. Type-species: Eupantolepta regularis Bolívar, by monotypy. Plegmatia Uvarov, 1940b: 116 (proposed as replacement name for Plegmatoptera Karsch).

concava Ragge, 1960: 308. Holotype &, UGANDA: Gulu (BMNH, London).

crosskeyi Ragge, 1960: 318. Holotype ♂, Nigeria: Niger Province, Diko (BMNH, London). diminuta Chopard, in Chopard & Kevan, 1954: 319 (Peronura). Holotype ♂, Kenya: Moyale (BMNH, London).

elgonis Chopard, 1938: 119 (Peronura). Holotype J, KENYA: Mt. Elgon (MNHN, Paris).

elongata Rehn, 1914:163 (Conchotopoda). Holotype &, Congo (Kinshasa): Usumbura (ZMHU, Berlin).

? kandti Rehn, 1914: 167 (? Horatosphaga). Holotype Q, Congo (Kinshasa): Lake Kivu (ZMHU, Berlin).

gracilis Sjöstedt, 1912: 14 (Keniacola). Holotype 3, Kenya: Mt. Kenya (NR, Stockholm) heteromorpha Karsch, 1889: 430 (Pantolepta). Lectotype 3, Kenya: Mombasa (ZMHU, Berlin); designated by Ragge (1960: 298).

hoehneli Brunner, 1891: 44 (Plegmatoptera). Holotype Q, Tanzania: Kilimanjaro (NM,

Vienna).
parallela Schulthess, 1898: 205 (Euthyphlebia). Holotype &, Етнгорга: Dolo (MCSN,

Genoa). kilimandjarica Sjöstedt, 1909: 132 (Pantolepta). Lectotype &, Tanzania: Mt. Meru (NR, Stockholm); designated by Ragge (1960: 298).

gracilis Bolívar, 1922: 198 (Plegmatoptera). Holotype &, Kenya: Loroghi Mtns. (MNHN,

inclusa Karsch, 1893: 125 (Pachypyga). 1 ♂, 5♀ syntypes, Togo: Bismarckburg (ZMHU, Berlin).

leggei Kirby, 1909: 65 (Thaumatoxenia). Lectotype &, UGANDA: E. Ruwenzori, Mubuku Valley (BMNH, London); designated by Ragge (1960: 292).

robusta Rehn, 1914: 156. Holotype ♀, Congo (Kinshasa): 90 km. W. of Albert-Nyanza (ZMHU, Berlin).

amplipennis Rehn, 1914: 165 (Conchotopoda). Holotype 3, Congo (Kinshasa): Lake Kivu, Idjwi I. (ZMHU, Berlin).

affinis Bolívar, 1922: 198 (Peronura). Holotype ♀, Kenya: Escarpment (MNHN, Paris). linearis Rehn, 1914: 167 (Conchotopoda). Holotype ♂, Uganda: Mpororo (ZMHU, Berlin).

? karschi Rehn, 1914: 161 (Pachypyga). Holotype Q, Congo (Kinshasa): Ruanda, Lake. Mohasi (ZMHU, Berlin).

longipes Bolívar, 1922 : 197 (*Peronura*). Holotype Ç, Kenya: Naivasha (MNHN, Paris). magna Ragge, 1960 : 304. Holotype &, Етнгорга: nr. Scillare (ВМNН, London).

media Ragge, 1960: 299. Holotype &, Zambia: Lusaka (BMNH, London).

meruensis Sjöstedt, 1909: 130 (*Plegmatoptera*). Lectotype 3, Tanzania: Mt. Meru (NR, Stockholm); designated by Ragge (1960: 311).

montivaga Sjöstedt, 1909: 129 (Peronura). Lectotype 3, Tanzania: Kilimanjaro (NR, Stockholm); designated by Ragge (1960: 312).

nomima Karsch, 1896 : 327 (*Peronura*). 1 ♂, 2 ♀ syntypes, Tanzania: Mpwapwa (ZMHU, Berlin).

nuda Ragge, 1960: 309. Holotype & Sudan: Imatong Mtns., Kippia (BMNH, London). regularis Bolívar, 1922: 200 (Eupantolepta). Holotype & Kenya: S. of Lake Rudolph (MNHN, Paris).

? reticulata Karsch, 1889 : 429 (Plegmatoptera). Holotype Q, Tanzania: Lake Tanganyika (ZMHU, Berlin).

ruspolii Schulthess, 1898: 204 (Conchotopoda). Holotype ♂, Kenya: Balessa (MCSN, Genoa). ? rivae Schulthess, 1898: 201 (Peronura). Holotype ♀, Ethiopia: Dolo (MCSN, Genoa).

trochlearis Bolívar, 1922: 199. Holotype & Kenya: S. of Lake Rudolph (MNHN, Paris). ? viridis Chopard, in Chopard & Kevan, 1954: 318 (Peronura). Holotype Q, Kenya: Isiolo distr., Bambota (BMNH, London).

samburu Kevan, in Chopard & Kevan, 1954: 320 (Peronura). Holotype & Kenya: Samburu (BMNH, London).

serrifera Schaum, 1853: 778. Holotype Q, Mozambique (ZMHU, Berlin).

vosseleri Karny, 1910: 52 (Pantolepta). 10 & syntypes, South West Africa: Okahandja; 1 & syntype, South West Africa: Kung-Buschmannland (ZMHU, Berlin).

multivenosa Chopard, 1935: 2 (Pantolepta). Holotype 3, Mozambique: Nova Chupanga, nr. Chemba (MNHN, Paris).

somali Schulthess, 1898 : 200 (Peronura). Holotype ♀, Somali Republic: Lugh (MCSN, Genoa).

peeli Burr, 1900: 44 (Rhegmatopoda). Holotype 3, Somali Republic: Whardi Datal (UM, Oxford).

stuhlmanni Karsch, 1896 : 329 (Conchotopoda). Holotype ♂, "Africa Orientalis": Buginda (ZMHU, Berlin).

kasindina Rehn, 1914:160 (? Horatosphaga). Holotype ♀, Congo (Kinshasa): Kasindi (ZMHU, Berlin).

stylifera Karny, 1910: 51 (Pantolepta). Holotype &, South West Africa: Windhoek (ZMHU, Berlin).

vicina Chopard, in Chopard & Kevan, 1954: 318 (Peronura). Holotype Q, Kenya: Marsabit, Chopa Gof (BMNH, London).

# ITOKIIA Sjöstedt

Itokiia Sjöstedt, 1901: 10. Type-species: Itokiia silvarum Sjöstedt, by monotypy.

silvarum Sjöstedt, 1901: 10. Holotype &, Cameroun: Itoki (NR, Stockholm).

# IVENSIA Bolívar

Ivensia Bolívar, 1890 : 218. Type-species: Ivensia uncinata Bolívar, by monotypy.

uncinata Bolívar, 1890: 218. Holotype &, "Quango" (MLZA, Lisbon).

# JAPYGOPHANA Carl

Japygophana Carl, 1921: 301. Type-species: Japygophana peloti Carl, by monotypy.

peloti Carl, 1921: 302. Holotype &, Gabon (MHN, Geneva).

# KEVANIELLA Chopard

Kevaniella Chopard, in Chopard & Kevan, 1954: 332. Type-species: Kevaniella bipunctata Chopard, by original designation.

bipunctata Chopard, in Chopard & Kevan, 1954: 333. Holotype &, Kenya: Mandera distr., Rahmu (BMNH, London).

# LAMECOSOMA Ragge

Lamecosoma Ragge, 1960a: 331. Type-species: Lamecosoma tenuis Ragge, by original designation.

inermis Ragge, 1961b: 217. Holotype & Kenya: Nairobi, Karura Forest (BMNH, London). tenuis Ragge, 1960a: 332. Holotype & Zambia: Kipundu (MRAC, Tervuren).

# **LEIODONTOCERCUS** Chopard

Leiodontocercus Chopard, 1954: 83. Type-species: Leiodontocercus angustipennis Chopard, by original designation.

angustipennis Chopard, 1954: 84. Holotype &, Guinea: Nimba (MNHN, Paris).

condylus Ragge, 1962b: 15. Holotype 3, Congo (Kinshasa): Kibali-Ituri, Yindi (MRAC, Tervuren).

malleus Ragge, 1962b: 14. Holotype & Ghana: Western Region, nr. Wiawso (BMNH, London).

# **LEPTOPHYES** Fieber

Leptophyes Fieber, 1853: 174. Type-species: Barbitistes albovittatus Kollar, by monotypy (type-locality: Austria).

antinorii Bormans, 1880 : 217. Holotype Q, ETHIOPIA: Shoa (MCSN, Genoa).

# LETANA Walker

Letana Walker, 1869: 277. Type-species: Letana linearis Walker, by monotypy (type-locality: India).

Pyrrhicia Stål, 1873: 41. Type-species: Phaneroptera rubescens Stål, by original designation (type-locality: Hong Kong).

Pyrrhizia Brunner, 1891: 55. (Unjustified emendation.)

conradti Bolívar, 1906: 329 (*Pyrrhicia*). Holotype &, Cameroun (IEE, Madrid). zanzibarica Brunner, 1891: 55 (*Pyrrhizia*). Holotype &, "Zanzibar" (NM, Vienna).

# MANGOMALOBA Sjöstedt

Mangomaloba Sjöstedt, 1902: 14. Type-species: Mangomaloba monticola Sjöstedt, by monotypy.

angustipennis Chopard, 1958: 76. Holotype &, Principe (MNHN, Paris). latipennis Chopard, 1954: 86. Holotype &, Guinea: Nimba (MNHN, Paris).

monticola Sjöstedt, 1901: 15. Holotype of, Cameroun: Mt. Cameroon (NR, Stockholm).

royi Chopard, 1954: 85. Holotype &, Guinea: Nimba (MNHN, Paris).

### MELIDIA Stål

Melidia Stål, 1876: 60. Type-species: Melidia brunneri Stål, by monotypy.

brunneri Stål, 1876: 60. Holotype ♀, South West Africa: Damara (NR, Stockholm). kenyensis Chopard, in Chopard & Kevan, 1954: 326. Holotype ♀, Kenya: Moyale distr., Yasere (BMNH, London).

laminata Chopard, in Chopard & Kevan, 1954: 324. Holotype & Kenya: Wajir distr., El Katulo (BMNH, London).

# MERUTERRANA Sjöstedt

Meruterrana Sjöstedt, 1912: 10. Type-species: Meruterrana elegans Sjöstedt, by monotypy.

elegans Sjöstedt, 1912: 12. 4 & syntypes, Tanzania: Mt. Meru (NR, Stockholm).

# MILITITSA Burr

Milititsa Burr, 1900: 42. Type-species: Milititsa somaliensis Burr, by monotypy.

somaliensis Burr, 1900: 43. Holotype Q, Somali Republic: Whardi Datal (UM, Oxford).

# MILTINOBATES Sjöstedt

Miltinobates Sjöstedt, 1901: 15. Type-species: Miltinobates blandus Sjöstedt, by monotypy. blandus Sjöstedt, 1901: 16. Holotype 3, "Kongo" (NR, Stockholm).

# MONTEIROA Karsch

Monteiroa Karsch, 1889: 458. Type-species: Monteiroa latifrons Karsch, by monotypy.

latifrons Karsch, 1889: 458. и ♂, и ♀ syntypes, Моzамвідив: Delagoa Bay (ZMHU, Berlin).

# MONTICOLARIA Sjöstedt

Monticolaria Sjöstedt, 1909: 128. Type-species: Monticolaria meruensis Sjöstedt, by PRE-SENT DESIGNATION.

Both the species listed below were originally included in *Monticolaria* Sjöstedt, but neither was designated as the type-species. I here designate *Monticolaria meruensis* Sjöstedt as the type-species of *Monticolaria* Sjöstedt.

kilimandjarica Sjöstedt, 1909: 129. 2 ♂ syntypes, Tanzania: Kilimanjaro (NR, Stockholm). meruensis Sjöstedt, 1909: 128. 10 ♂, 3♀ syntypes, Tanzania: Meru (NR, Stockholm).

# MORGENIA Karsch

Morgenia Karsch, 1890b: 261. Type-species: Morgenia hamuligera Karsch, by monotypy.

hamuligera Karsch, 1890b: 263. Holotype &, Cameroun: Kribi (ZMHU, Berlin). melica Karsch, 1893: 196. Holotype &, Cameroun: Victoria (ZMHU, Berlin). modulata Karsch, 1896: 340. I &, I & syntypes, Cameroun: Lolodorf (ZMHU, Berlin).

rubricornis Sjöstedt, 1913: 4. Holotype &, Congo (Kinshasa): Mukimbungu (NR, Stockholm).

spathulifera Griffini, 1908 : 209. 1 ♂syntype, "Bussanga"; 1♀syntype, Cameroun: Mukonje Farm (IRSNB, Brussels).

# MYLLOCENTRUM Ragge

Myllocentrum Ragge, 1962b: 15. Type-species: Phlaurocentrum stigmosum Karsch, by original designation.

stigmosum Karsch, 1896 : 336 (Phlaurocentrum). Holotype ♀, Cameroun: Lolodorf (ZMHU, Berlin).

# **ODONTURA** Rambur

Odontura Rambur, 1838: 44. Type-species: Barbitistes glabricauda Charpentier, by subsequent designation (Kirby, 1906: 386) (type-locality: Portugal).

algerica Brunner, 1878: 75. 1 d, 1 \times syntypes, Algeria (NM, Vienna).

borrei Bolivar, 1878: 71. Unknown number of ♀ syntypes, Algeria: Constantine Province (IRSNB, Brussels).

brevis Werner, 1932:114. Holotype of, Morocco: Ifrane (NM, Vienna).

capensis Walker, 1869: 242. Holotype ♀, South Africa (BMNH, London).

liouvillei Werner, 1929: 184. Unknown number of & syntypes, Morocco: nr. Tiflet, Mamora Forest; 1 & syntype, Morocco: Malay Idris (NM, Vienna).

maroccana Bolívar, 1908: 333 (as var. of *Odontura spinulicauda*; raised to sp. by Bolívar, 1914: 237). 7 β, 1 Ω syntypes, Morocco: Marrakesh (IEE, Madrid).

teknicus Morales, 1947: 250 (as subsp. of Odontura liouvillei). Holotype &, IFNI: Zoco Tlata Sboya (IEE, Madrid).

microptera Chopard, 1943: 107. Holotype ♀, Algeria: Ain Mlila (MNHN, Paris).

moghrebica Morales, 1950: 163. Holotype &, Morocco: Isaguen (IEE, Madrid).

plasoni Ebner, 1915: 419. 3 ♂, 1♀ syntypes, Tanzania: Tassamaganga (NM, Vienna).

pulchra Bolívar, 1914: 237. 3 & syntypes, Morocco: Tangier (IEE, Madrid).

quadridentata Krauss, 1893: xcvi. Unknown number of syntypes of both sexes, Algeria: Tessala (type-depository unknown).

terniensis Finot, 1893: xxx. Unknown number of syntypes of both sexes, Algeria: Terni, Sebdou and Tlemcen (MNHN, Paris).

spinulicauda Rambur, 1838: 45. Lectotype 3, Spain (IEE, Madrid); designated by Uvarov (1948: 380).

stenoxypha Fieber, 1853 : 187 (Barbitistes). Holotype ♀, Sicily (type-depository unknown). uvarovi Werner, 1929 : 184. Holotype ♂, Morocco: Fez (NM, Vienna).

# OXYECOUS Chopard

Oxyecous Chopard, 1935: 4. Type-species: Oxyecous lesnei Chopard, by monotypy.

apertus Ragge, 1956b: 187. Holotype & Kenya: Rabai (BMNH, London).

lesnei Chopard, 1935: 4. Holotype & Mozambique: nr. Vile Pery (MNHN, Paris).

magnus Ragge, 1956b: 188. Holotype &, Tanzania: Kilosa (BMNH, London).

undulatus Ragge, 1956b: 190. Holotype 3, Uganda: Bugoma Forest (BMNH, London).

# PARAPYRRHICIA Brunner

Parapyrrhicia Brunner, 1891: 149. Type-species: Parapyrrhicia zanzibarica Brunner, by monotypy.

zanzibarica Brunner, 1891 : 149. Holotype ♀, "Zanzibar" (NM, Vienna).

# PARDALOTA Brunner

Pardalota Brunner, 1878: 133. Type-species: Pardalota versicolor Brunner, by monotypy.

asymmetrica Karsch, 1896: 330. 7 syntypes of both sexes, "Africa Orientalis Centralis": Kirewia; Itimba; Bundeko; Bugundi; Sossian-Ngoroine, Massai Territory; W. Victoria Nyansa, Ussoga-Uganda (ZMHU, Berlin).

cloetensi Griffini, 1908a: 77. Holotype ♀, Congo (Kinshasa): Beni Bendi, Sankuru (IRSNB, Brussels).

haasi Griffini, 1908a: 76. 2 ♂, 1♀ syntypes, Congo (Kinshasa): Luluabourg (IRSNB, Brussels).

karschiana Enderlein, 1907: 197. 2 of syntypes, Tanzania: Dar es Salaam (1 in ZMHU, Berlin; 1 in IZPAN, Warsaw).

reimeri La Baume, 1911: 317. 29, 3 nymphal syntypes, Tanzania: Lindi (ZMHU, Berlin). superba Sjöstedt, 1913: 2. Holotype &, Tanzania: Lukuledi (NR, Stockholm).

versicolor Brunner, 1878: 134. Unknown number of syntypes of both sexes, "Chinchoxa in Benguela" (I & in ZMHU, Berlin; I & in NM, Vienna).

# PERONURA Karsch

Peronura Karsch, 1889: 426. Type-species: Peronura clavigera Karsch, by subsequent designation (Kirby, 1906: 391).

clavigera Karsch, 1889: 427. 2 \( \text{syntypes}, Kenya: Mombasa (ZMHU, Berlin).

# PEROPYRRHICIA Brunner

Peropyrrhicia Brunner, 1891: 37. Type-species: Dichopetala massaiae Bormans, by monotypy.

cooperi Uvarov, 1934: 598. Holotype &, Етніоріа: Jem-Jem Forest (BMNH, London).

maculata Schulthess, 1898: 198. 1 &, 19 syntypes, Етніоріа: Biddwara (MCSN, Genoa).

massaiae Bormans, 1880: 218 (Dichopetala). 2 & syntypes (1 nymphal), Етніоріа: Let-Marefia (MCSN, Genoa).

scotti Uvarov, 1934: 597. Holotype &, Етніоріа: between Jem-Jem and Addis Ababa

(BMNH, London).

# PHANEROPTERA Serville

Phaneroptera Serville, 1831: 158. Type-species: Gryllus falcata Poda, by subsequent designation (Hemming, 1944: 211) (type-locality unknown).

Anerota Caudell, 1921: 488. Type-species: Gryllus falcata Poda, by original designation.

Paranerota Karny, 1926: 105. Type-species: Phaneroptera gracilis Burmeister, by original designation.

Euanerota Karny, 1927: 12. Type-species: Phaneroptera brevis Serville, by tentative original designation (see Ragge, 1956: 206) (type-locality: Java).

acaciae Chopard, in Chopard & Kevan, 1954: 323. Holotype & Kenya: Mandera distr., Rahmu (BMNH, London).

africana Steinmann, 1966: 411. Holotype &, Guinea: Conakry (TM, Budapest).

albida Walker, 1869: 335. Holotype &, no data (BMNH, London).

fragilis Ragge, 1960b: 245. Holotype &, ETHIOPIA: Danot (BMNH, London).

gracilis Burmeister, 1838: 690. 1 ♂, 2♀ syntypes, Java (type-depository unknown).

roseata Walker, 1869: 343. Holotype Q, India (BMNH, London).

marginalis Brunner, 1878: 214. Holotype ♀, South Africa (ZMHU, Berlin).

indica Brunner, 1878: 215. Lectotype &, India: Himalayas (NM, Vienna); designated by Ragge (1960b: 250).

elongata Brunner, 1878: 217. Lectotype ♀, JAVA (ZMHU, Berlin); designated by Ragge (1956a: 251).

subcarinata Bolívar, 1900: 764. Holotype &, India: Madura (IEE, Madrid).

longispina Ragge, 1956a: 244. Holotype & UGANDA: Ruwenzori Range, Kilembe (BMNH, London).

maculosa Ragge, 1956a: 243. Holotype of, Cameroun: Lolodorf (ZMHU, Berlin).

magna Ragge, 1956a: 242. Holotype & UGANDA: Mabira Forest (BMNH, London).

minima Brunner, 1878: 214. Holotype &, Egypt (ZMHU, Berlin).

nana nana Fieber, 1853: 173 (as sp.). Type-locality: Portugal; type-material lost.

quadripunctata Brunner, 1878: 212. Lectotype &, ITALY: Trieste (NM, Vienna); designated by Ragge (1956: 233).

nana sparsa Stål, 1856: 170 (as sp.). Holotype ♀, South Africa: "Caffraria" (NR, Stockholm). lurida Walker, 1869: 339. Holotype ♂, "W. Africa" (erroneously cited as "Natal" in original description) (BMNH, London).

tetrasticta Gerstaecker, 1869: 215. Holotype & Tanzania: Uru (ZMHU, Berlin).

conspersa Stål, 1874: 29 (apparently proposed unnecessarily as replacement name for *Phaneroptera sparsa* Stål).

punctulata Burr, 1900: 41. Holotype &, Somali Republic: Whardi Datal (UM, Oxford).

tenuicerca Ramme, 1951: 348. Holotype &, Lebanon: Djezin (ZMHU, Berlin).

nigropunctata Chopard, 1955: 269. Holotype &, South Africa: Cape Province, Drakensbergen, 8 miles E.N.E. of Rhodes (UZI, Lund).

parva Ragge, 1956a: 240. Holotype &, Congo (Kinshasa): Kasongo (MRAC, Tervuren).

# PHANEROPTILA Uvarov

- Phaneroptila Uvarov, in Uvarov & Popov, 1957: 363. Type-species: Phaneroptila insularis Uvarov, by monotypy.
- insularis Uvarov, in Uvarov & Popov, 1957: 363. Holotype &, Socotra: Hijama (BMNH, London).

# PHAULULA Bolívar

- Phaula Brunner, 1878: 167. Type-species: Phaula laevis Brunner, by subsequent designation (Kirby, 1906: 425) (type-locality: Philippine Is.). (Homonym of Phaula Thomson, 1857: 303.)
- Phaulula Bolívar, 1906: 347 (proposed as replacement name for Phaula Brunner).
- inconspicua Brunner, 1891 : 83 (Phaula). Holotype ♀, Cameroun (NM, Vienna).
- lenzi Brunner, 1891: 83 (Phaula). Unknown number of & syntypes, Cameroun (Lübeck, museum unknown) and Gabon (NM, Vienna).

# PHLAUROCENTRUM Karsch

- Phlaurocentrum Karsch, 1889: 445. Type-species: Phlaurocentrum latevittatum Karsch, by monotypy.
- latevittatum Karsch, 1889:446. Holotype♀, Congo (Kinshasa): Kuako to Kimpoko (ZMHU, Berlin).
- lobatum Ragge, 1962b: 9. Holotype ♂, Congo (Kinshasa): Eala (MRAC, Tervuren).
- maculatum Ragge, 1962b: 10. Holotype ♂, Congo (Kinshasa): Mawambi-Irumu (NM, Vienna).
- mecopodoides Karsch, 1892a: 321. Holotype &, Cameroun: Barombi (ZMHU, Berlin).
- tuberosum Ragge, 1962b: 8. Holotype & Uganda: Mabira Forest (BMNH, London).
- turbatum Walker, 1869: 340 (Phaneroptera). Holotype &, "Congo" (BMNH, London).

### PHYSOCORYPHA Karsch

- Physocorypha Karsch, 1896: 344. Type-species: Physocorypha politurata Karsch, by monotypy.
- politurata Karsch, 1896 : 345. I♀ syntype, Cameroun: Victoria; I♀ syntype, Cameroun: Mundame (ZMHU, Berlin).

### **PLANGIA** Stål

- Plangia Stål, 1873: 40. Type-species: Phylloptera graminea Serville, by original designation.
- graminea Serville, 1839: 405 (Phylloptera). Unknown number of syntypes of both sexes, South Africa: Cape of Good Hope (lost).
  - natalensis Walker, 1869: 379 (Phylloptera). Holotype ♀, South Africa: Natal (BMNH, London).

karschi Chopard, 1954: 44. Holotype Q, Guinea: Nimba, Nion (MNHN, Paris).
laminifera Karsch, 1896: 343. Holotype Q, Cameroun: Lolodorf (ZMHU, Berlin).
nebulosa Karsch, 1890c: 366. Holotype Q, Cameroun: Barombi (ZMHU, Berlin).
unimaculata Chopard, 1955: 271. Holotype δ, South Africa: Cape Province, Tzitzikama
Forest, Storms River Mouth (UZI, Lund).

villiersi Chopard, 1954: 45. Holotype Q, Guinea: Nimba (MNHN, Paris).

# PLANGIODES Chopard

Plangiodes Chopard, in Chopard & Kevan, 1954: 330. Type-species: Plangiodes carinatus Chopard, by original designation.

carinatus Chopard, in Chopard & Kevan, 1954: 330. Holotype & Kenya: Garissa distr., Afwein (BMNH, London).

# PLANGIOLA Bolívar

Plangiola Bolívar, 1906: 336. Type-species: Plangiola herbacea Bolívar, by monotypy.

herbacea Bolívar, 1906: 337. 2 ♂, 1 ♀ syntypes, Cameroun (IEE, Madrid).

# PLANGIOPSIS Karsch

Plangiopsis Karsch, 1889: 459. Type-species: Plangiopsis semiconchata Karsch, by monotypy.

adeps Karsch, 1896: 338. 2♀ syntypes, Cameroun: Lolodorf (ZMHU, Berlin).
foraminata Karsch, 1892a: 324. Holotype ♂, Cameroun: Barombi (ZMHU, Berlin).
schoutedeni Griffini, 1908: 218. Holotype ♀, Cameroun: Mukonje Farm (IRSNB, Brussels).
semiconchata Karsch, 1889: 460. Holotype ♀, Cameroun: Barombi (ZMHU, Berlin).

# POECILOGRAMMA Karsch

Poecilogramma Karsch, 1887b: 52. Type-species: Poecilogramma striatifemur Karsch, by subsequent designation (Kirby, 1906: 405).

annulifemur Karsch, 1887b: 53. 2 ♂, 3♀ syntypes, Tanzania: Kawende (ZMHU, Berlin). striatifemur Karsch, 1887b: 53. 2 ♂ syntypes, Kenya: Mombasa (ZMHU, Berlin).

### POREUOMENA Brunner

Poreuomena Brunner, 1878: 187. Type-species: Poreuomena africana Brunner, by monotypy.

africana Brunner, 1878: 187. Holotype &, Gabon (MHN, Geneva).

duponti Griffini, 1908a: 84. 1 ♂, 6 ♀ syntypes, Cameroun: Mukonje Farm (IRSNB, Brussels).

forcipata Sjöstedt, 1901: 12. Holotype 3, CAMEROUN (NR, Stockholm).

gladiator Bolívar, 1906: 337. Holotype &, Cameroun (IEE, Madrid).

lamottei Chopard, 1954: 40. 1 ♂ syntype, Guinea: Nimba, N'Zo; 1♀ syntype, Guinea: Nimba, Yalanzou (MNHN, Paris).

wilverthi Griffini, 1908a: 85. Holotype J. Congo (Kinshasa): Umangi (IRSNB, Brussels).

# PREUSSIA Karsch

Preussia Karsch, 1890c: 364. Type-species: Preussia lobatipes Karsch, by monotypy.

lobatipes Karsch, 1890c: 365. Holotype Q, Cameroun: Barombi (ZMHU, Berlin).

# PRONOMAPYGA Rehn

- Pronomapyga Rehn, 1914: 171. Type-species: Pronomapyga grandis Rehn, by original designation.
- grandis Rehn, 1914: 172. Holotype ♂, "Ost-Afrika" (ZMHU, Berlin). graueri Rehn, 1914: 171. Holotype ♀, "Ost-Afrika" (ZMHU, Berlin).

# PROSPHAGA Ragge

- Prosphaga Ragge, 1960a: 322. Type-species: Pantolepta calaharica Karny, by original designation.
- calaharica Karny, 1910 : 52 (Pantolepta). Holotype ♂, South Africa: Bechuanaland, Kalahari, Ku Gudie, nr. Pitsani (ZMHU, Berlin).
- splendens Ragge, 1960a: 324. Holotype & Ethiopia: Wardere (BMNH, London).

# PSEUDOPYRRHIZIA Brunner

- Pseudopyrrhizia Brunner, 1891:110. Type-species: Pseudopyrrhizia punctata Brunner, by monotypy.
- punctata Brunner, 1891: 110. Holotype 3, "Zanzibar" (NM, Vienna).

# SCHUBOTZACRIS Rehn

- Schubotzacris Rehn, 1914: 169. Type-species: Schubotzacris producta Rehn, by original designation.
- producta Rehn, 1914: 169. Holotype 3, Congo (Kinshasa): Mboga (ZMHU, Berlin).

### STENAMBLYPHYLLUM Karsch

- Stenamblyphyllum Karsch, 1896: 326. Type-species: Stenamblyphyllum dilutum Karsch, by monotypy.
- dilutum Karsch, 1896: 327. Lectotype ♀, Cameroun: Victoria (ZMHU, Berlin); designated by Ragge (1962a: 309).

### SYMMETROPLEURA Brunner

- Symmetropleura Brunner, 1878: 245. Type-species: Symmetropleura laevicauda Brunner, by subsequent designation (Kirby, 1906: 446) (type-locality: South America, "Bahia").
- Cameronia Karsch, 1889: 450. Type-species: Symmetropleura africana Brunner, by monotypy. (See p. 77.)
- africana Brunner, 1878: 246. Holotype 3, "Congo" (NM, Vienna).
- plana Walker, 1869: 339 (Phaneroptera). Holotype 3, South Africa: Natal (BMNH, London).

### TAPIENA Bolívar

- Tapeina Brunner, 1878: 163. Type-species: Tapeina acutangula Brunner, by monotypy (type-locality: India). (Homonym of Tapeina Le Peletier & Serville, 1828: 545.)
- Tapiena Bolívar, 1906: 334 (proposed as replacement name for Tapeina Brunner).
- minor Bolívar, 1906 : 334. Holotype Q, Ghana: "Ashante" (IEE, Madrid).

# TERPNISTRIA Stål

Terpnistria Stål, 1873: 42. Type-species: Phaneroptera zebrata Serville, by original designation.

lobulata Stål, 1876: 61. Holotype ♀, South West Africa: Ovambo (NR, Stockholm) (the additional citation of "Caffraria" is probably erroneous).

tuberculata Chopard, in Chopard & Kevan, 1954: 326. Holotype &, Kenya: Northern Frontier Distr., Garissa (BMNH, London).

zebrata Serville, 1839: 424 (Phaneroptera). Holotype 3, South Africa: Cape of Good Hope (lost).

# TETRACONCHA Karsch

Tetraconcha Karsch, 1890a: 61. Type-species: Tetraconcha fenestrata Karsch, by monotypy. Tellidia Bolívar, 1893: 177. Type-species: Tellidia longipes Bolívar, by monotypy.

banzyvilleana Griffini, 1909: 11. Holotype Q, Congo (Kinshasa): Banzyville, Jusoro (MRAC, Tervuren).

fenestrata Karsch, 1890a: 62. Holotype of, Cameroun (ZMHU, Berlin).

longipes Bolívar, 1893: 178 (*Tellidia*). Holotype Q, Ivory Coast: Assinie (IEE, Madrid). smaragdina Brunner, 1891: 116. Holotype 3, Cameroun (Lübeck, museum unknown).

stichyrata Karsch, 1890c: 360. Holotype of, Cameroun: Barombi (ZMHU, Berlin).

scalaris Brunner, 1891: 116. Holotype &, Gabon (NM, Vienna).

# TRIGONOCORYPHA Stål

Trigonocorypha Stål, 1873: 39. Type-species: Locusta crenulata Thunberg (= Trigonocorypha unicolor (Stoll)), by original designation (type-locality unknown).

tihamae Uvarov, 1952: 177. Holotype &, Saudi Arabia: near Qunfida, Wadi Qanuna (BMNH, London).

# TROPIDONOTACRIS Chopard

Tropidonotacris Chopard, in Chopard & Kevan, 1954: 321. Type-species: Tropidonotacris carinata Chopard, by original designation.

amabilis Ragge, 1957: 121. Holotype &, Ethiopia: Ual Ual (BMNH, London).
carinata Chopard, in Chopard & Kevan, 1954: 322 (as Tropidonotacris carinatus; corrected by Ragge, 1957: 119). Holotype &, Kenya: Mandera distr., Takabba (BMNH, London).
grandis Ragge, 1957: 122. Holotype &, Tanzania: Little Mahenge (BMNH, London).

# TROPIDOPHRYS Karsch

Tropidophrys Karsch, 1896: 340. Type-species: Tropidophrys amydra Karsch, by monotypy.

amydra Karsch, 1896: 341. Holotype &, Cameroun: Victoria (ZMHU, Berlin).

# TYLOPSIS Fieber

Centrophorus Fischer, 1846: 361. Type-species: Centrophorus spinosus Fischer (= Tylopsis lilifolia (Fabricius)), by monotypy. (Homonym of Centrophorus Müller & Henle, 1837: 115.) Tylopsis Fieber, 1853: 172. Type-species: Locusta lilifolia Fabricius, by monotypy.

ampla Ragge, 1964: 315. Holotype &, Angola: Moxico distr., upper Mu-Simoj R. (BMNH. London).

bilineolata Serville, [1838]: 419 (Phaneroptera). Holotype 3, South Africa: Cape of Good Hope (lost).

attenuata Walker, 1869: 338 (Phaneroptera). Holotype ♀, South Africa (BMNH, London). marginata Brunner, 1891: 113. Holotype Q, South Africa: Natal, Durban (NM, Vienna).

brevis Ragge, 1964: 314. Holotype J., Congo (Kinshasa): Volcan Nyamlagira (MRAC. Tervuren).

continua Walker, 1869: 337 (Phaneroptera). Lectotype &, South Africa: Natal, Durban (BMNH, London); designated by Ragge (1964: 318).

vicaria Walker, 1869: 338 (Phaneroptera). Holotype &, South Africa: Natal, Durban (BMNH, London).

longipennis Stål, 1876: 58. Holotype &, South West Africa: Damara (NR, Stockholm). vittata Brunner, 1878: 229. Lectotype & South Africa: Natal, Durban (NM, Vienna);

designated by Ragge (1964: 318).

inhamata Karsch, 1889: 453. Lectotype & Mozambique: Delagoa Bay (ZMHU, Berlin). dispar Sjöstedt, 1909: 135. Lectotype & Tanzania: Mt. Meru (NR, Stockholm); designated by Ragge (1964: 309).

dubia Giglio-Tos, 1907: 3. 1 ♂, 1 nymphal syntype, Uganda: Ibanda; 1♀syntype, Uganda: Mitiana (IMZU, Turin).

fissa Ragge, 1964: 312. Holotype of, Uganda: Entebbe (BMNH, London).

gracilis Chopard, in Chopard & Kevan, 1954: 328. Holotype of, Kenya: Mandera distr., Damassa (BMNH, London).

irregularis Karsch, 1893: 130. Lectotype & Togo: Bismarckburg (ZMHU, Berlin); designated by Ragge (1964: 307).

perpulchra Burr, 1900: 43. Holotype &, Somali Republic: Whardi Datal (UM, Oxford). obscuripes Chopard, 1945: 166. Lectotype of, Cameroun: Bambouto Mtns. (MNHN, Paris); designated by Ragge (1964: 307).

villiersi Chopard, 1950: 133. Lectotype &, Niger: Agadès (MNHN, Paris); designated by Ragge (1964: 307).

lamottei Chopard, 1954: 42. Lectotype & Guinea: Nimba, Serengbara (MNHN, Paris); designated by Ragge (1964: 307).

lilifolia Fabricius, 1793: 36 (Locusta). Type-locality: ITALY; type-material lost. gracilis Germar, 1817; 251 (Locusta). Holotype Q, Yugoslavia; Zadar (lost).

liliifolia Rambur, 1838: 44 (Locusta). (Unjustified emendation.)

praeusta Fischer, 1846: 142 (Phaneroptera). Holotype Q, U.S.S.R.: Azerbaijan, Kirovabad (lost).

spinosus Fischer, 1846: 362 (Centrophorus). Unknown number of nymphal syntypes of both sexes, U.S.S.R.: Crimea (lost).

margineguttata Serville, 1839: 442 (Phaneroptera). I & syntype, Sardinia; I & syntype, SICILY (lost).

? coi Jannone, 1936: 147. Holotype of, Dodecanese: Kos (ILEA, Portici).

rubrescens Kirby, 1900: 216. Holotype of, Malawi: Zomba (BMNH, London).

punctulata Kirby, 1900: 216. Lectotype 3, Malawi: Zomba (BMNH, London); designated by Ragge (1964: 320).

meruensis Sjöstedt, 1909: 134. Lectotype 3, Tanzania: Mt. Meru (NR, Stockholm); designated by Ragge (1964: 320).

confluens Karny, 1915: 124. Holotype Q, Guinea: Upper Niger (NM, Vienna).

### VOSSIA Brunner

Vossia Brunner, 1891: 139. Type-species: Vossia obesa Brunner, by monotypy.

obesa Brunner, 1891: 140. Holotype ♀, Cameroun (NM, Vienna).

# WEISSENBORNIA Karsch

- Weissenbornia Karsch, 1888:65. Type-species: Weissenbornia praestantissima Karsch, by monotypy.
- praestantissima Karsch, 1888: 66. Holotype &, Cameroun: Lowry-Criby-Mündung (ZMHU, Berlin).

# ZEUNERIA Karsch

Zeuneria Karsch, 1889: 443. Type-species: Zeuneria melanopeza Karsch, by monotypy.

biramosa Sjöstedt, 1929: 40. Holotype ♂, Congo (Kinshasa): Bas-Uele (MRAC, Tervuren). centralis Rehn, 1914: 179. Holotype ♂, Congo (Kinshasa): Ruwenzori (ZMHU, Berlin). longicercus Sjöstedt, 1929: 39. Holotype ♂, Congo (Kinshasa): Inkisi (MRAC, Tervuren). melanopeza Karsch, 1889: 443. Holotype ♀, Cameroun: Barombi (ZMHU, Berlin).

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Valid names are in roman type, invalid names in italics.

acaciae, 92
accrana, 80
acuticercus, 83
adeps, 94
adicra, 84
aequatorialis, 84
aefinis, 87
afra, 81
africana, Phaneroptera, 92
africana, Poreuomena, 94
africana, Symmetropleura, 77, 78, 95
albida, 92
algerica, 90
amabilis, 96

ampla, 97
amplectens, 82
amplipennis, 87
amydra, 96
Anerota, 92
angustipennis, Arantia, 80
angustipennis, Debrona, 82
angustipennis, Leiodontocercus, 89
angustipennis, Mangomaloba, 89
Anisotochra, 80
annulifemur, 94
antinorii, 89
apertus, 91
apicalis, 81

arabica, 85 Arantia, 80 asymmetrica, 91 Atlasacris, 80 atrolineata, 80 attenuata, 97 Azamia, 80

banzyvilleana, 96 belcki, 82 bicolor, 85 bilineolata, 97 biplagiata, 80 bipunctata, 88 biramosa, Ducetia, 83 biramosa, Zeuneria, 98 blandus, 90 Bongeia, 81 borrei, 90 breviala, 84 brevicauda, 81 brevicollis, 85 brevipes, 80 brevis, Odontura, 91 brevis, Tylopsis, 97 brunneri, Conchotopoda, 78, 82 brunneri, Melidia, 89 Bueacola, 81 Buettneria, 81 Büttneria, 81

calaharica, 95 camerata, 82 Cameronia, 77, 78, 95 Camptoxiphae, 79 canaliculata, 85 capensis, 91 capreola, 81 carinata, Tropidonotacris, 96 carinatus, Plangiodes, 94 Catoptropteryx, 81 centralis, 98 Centrophorus, 96 cereris, 85 cervina, 82 Cestromoecha, 78, 81 chelocerca, 83 clavigera, 92 cloetensi, 91 coi, 97 compressa, 85 concava, 87 Conchotopoda, 82 condylus, 89

confluens, 97 contradti, 89 conspersa, 93 continua, 97 cooperi, 92 cornigera, 81 corrosa, 83 corrosifolium, 83 Corycomima, 82 Corymeta, 82 costata, 84 cothurnata, 85 crassicauda, 82 crassipes, 78, 81 crosskeyi, Ducetia, 84 crosskeyi, Horatosphaga, 87 crypterius, 84 cuspidata, 85

Dannfeltia, 82 Dapanera, 82 darlingi, 85 Debrona, 82 denticulata, 83 dilutum, 95 dimidiata, 86 diminuta, Eurycorypha, 85 diminuta, Horatosphaga, 87 Diogena, 83 Dioncomena, 83 dispar, 97 Dithela, 83 doriae, 80 Drepanophyllum, 83 dubia, 97 Ducetia, 83 duponti, 94

eburneiguttata, 81
eidmanni, 82
elegans, 89
elegans, 87
elongata, Horatosphaga, 87
elongata, Phaneroptera, 92
Enochletica, 84
Epiphlebus, 84
Euanerota, 92
Eulioptera, 84
Eupantolepta, 87
Eurycorypha, 84
Euthyphlebia, 86
excelsior, 80
extensipes, 81

fallax, 85 fasciata, 80 fatidica, 80 fausta, 83 feana, 86 fenestrata, 96 fissa, 97 flavescens, 82 foraminata, 94 forcipata, 94 fragilis, 92 furcatum, 83 fuscopunctata, 84

Gabonella, 85 Gabonia, 85 gabunensis, 80 galbana, 86 Gelatopoea, 85 Gelatopoia, 85 genuteres, 82 gestri, 80 gladiator, 94 Goetia, 86 Gonatoxia, 86 gracilipes, 80 gracilis, Horatosphaga, 87 gracilis, Locusta, 97 gracilis, Phaneroptera, 92 gracilis, Plegmatoptera, 87 gracilis, Tylopsis, 97 grallatoria, 82 graminea, 93 grandis, Pronomapyga, 95 grandis, Tropidonotacris, 96 graueri, 95 Gravenreuthia, 86 guttatipes, 81

haasi, 91 habetata, 82 hamuligera, 90 Harposcepa, 86 herbacea, 94 heteromorpha, 87 Himerta, 86 Himertula, 86 hoehneli, 87 Horatosphaga, 86 hydatinoptera, 80

immaculata, 86 immaculipennis, 81 inclusa, 87 inconspicua, 93
indica, 92
inermis, 88
inhamata, 97
insularis, 93
irregularis, Dapanera, 82
irregularis, Tylopsis, 97
Itokiia, 88
Ivensia, 88

Japygophana, 88

kandti, 87
karschi, Pachypyga, 87
karschi, Plangia, 94
Karschia, 83
karschiana, Harposcepa, 86
karschiana, Pardalota, 91
kasindina, 88
Keniacola, 87
kenyensis, 89
Kevaniella, 88
kilimandjarica, Monticolaria, 90
kilimandjarica, Pantolepta, 87
Kuwayamaea, 83

Lamecosoma, 88 laminata, 89 laminifera, 94 lamottei, Poreuomena, 94 lamottei, Tylopsis, 97 latevittatum, 93 latifolia, 80 latifrons, 90 latipennis, Catoptropteryx, 81 latipennis, Mangomaloba, 89 leggei, 87 Leiodontocercus, 89 lenzi, 93 leptocerca, 82 leptocnemis, 80 leptomorpha, 84 Leptophyes, 89 lesnei, or Letana, 89 lilifolia, 97 liliifolia, 97 linearis, 87 liouvillei, 91 lobatipes, 94 lobatum, 93 lobulata, 96 lobulipennis, 86 longicerca, Eulioptera, 84

longicercus, Zeuneria, 98 longipennis, 97 longipes, Horatosphaga, 87 longipes, Tetraconcha, 96 longispina, 92 loosi, 84 lurida, 92

macrocerca, 84 maculata, Gonatoxia, 86 maculata, Peropyrrhicia, 92 maculatum, Phlaurocentrum, 93 maculiceps, 81 maculipennis, 81 maculosa, 92 magna, Horatosphaga, 87 magna, Phaneroptera, 92 magnus, Oxyecous, 91 malleus, 89 mammisignum, 80 manca, 80 Mangomaloba, 89 marginalis, 92 marginata, 97 margineguttata, 97 marmorata, Arantia, 80 marmoratum, Drepanophyllum, 83 maroccana, 91 massaiae, 92 mecopodoides, 93 media, Eurycorypha arabica, 85 media, Horatosphaga, 87 melanopeza, 98 melanotus, 80 melica, 90 Melidia, 89 meruensis, Horatosphaga, 87 meruensis, Monticolaria, 90 meruensis, Tylopsis, 97 Meruterrana, 89 microptera, 91 Milititsa, 90 Miltinobates, 90 minima, 92 minor, 95 modulata, 90 moghrebica, 91 montana, 85 Monteiroa, 90 monticola, 89 Monticolaria, 90 montivaga, 87 Morgenia, 90

multivenosa, 88

mundamensis, 81 mutica, 85 Myllocentrum, 90 Myrmecophana, 84

nana, Dannfeltia, 82 nana, Phaneroptera, 92 natalensis, 93 nebulosa, 94 neutralipennis, 81 nigropunctata, 93 nigrospinosa, 81 nomima, 87 nuda, 87

obesa, 97 obscuripes, 97 Odontura, 90 ornata, 83 ornatipes, 85 orthocnemis, 80 ostentatrix, 84 Otiaphysa, 82 ovalipennis, 80 Oxyecous, 91

Pachypyga, 86 Pachypygiana, 87 Pantolepta, 86 parallela, 87 Paranerota, 92 Parapyrrhicia, 91 Pardalota, 91 parva, Conchotopoda, 82 parva, Ducetia, 84 parva, Phaneroptera, 93 Paura, 83 peculiaris, 80 peeli, 88 peloti, 88 Peronura, 92 Peropyrrhicia, 92 perpulchra, 97 Phaneroptera, 92 Phaneroptila, 93 Phaula, 93 Phaulula, 93 Phlaurocentrum, 93 Physocorypha, 93 plana, 95 Plangia, 93 Plangiodes, 94 Plangiola, 94

Plangiopsis, 94 plasoni, 91 Plegmatia, 87 Plegmatoptera, 86 Poecilogramma, 94 politurata, 93 Poreuomena, 94 praestantissima, 98 praeusta, 97 Preussia, 94 producta, 95 Pronomapyga, 95 proserpinae, 85 Prosphaga, 95 Pseudisotima, 83 Pseudopyrrhizia, 95 pulchra, 91 punctata, Ducetia, 84 punctata, Pseudopyrrhizia, 95 puncticollis, 81 punctipennis, Ducetia, 84 punctipennis, Eurycorypha, 85 punctulata, Catoptropteryx, 81 punctulata, Phaneroptera, 93 punctulata, Tylopsis, 97 Pyrrhicia, 89 Pyrrhizia, 89

quadridentata, 91 quadripunctata, Phaneroptera, 92 quadripunctata, Telaea, 84

ramulosa, 84

rectifolia, 80

rectiloba, 83

reducta, 85 regina, 80 regularis, 87 reimeri, 91 reticulata, Eulioptera, 84 reticulata, Plegmatoptera, 87 reticulosa, 84 retinervis, 80 Rhegmatopoda, 78, 82 rivae, 88 robusta, 87 roseata, 92 royi, 89 rubrescens, 97 rubricornis, 90 ruspolii, Epiphlebus, 84

ruspolii, Horatosphaga, 88

sagitta, 84 samburu, 88 saturata, 86 scalaris, 96 schoutedeni, 94 Schubotzacris, 95 Schulthessinia, 87 scotti, 92 scurra, 80 securifera, 85 semiconchata, 94 serrifera, 88 signatipennis, 81 silvarum, 88 simillima, 85 simplicinervis, 80 smaragdina, 96 somali, 88 somaliensis, 90 sparsa, 92 spathulifera, 90 spinosus, 97 spinulicauda, 91 spinulosa, Arantia, 80 spinulosa, Eulioptera, 84 spinulosa, Eurycorypha, 85 splendens, 95 Stenacropteryx, 81 Stenamblyphyllum, 95 stenoxypha, 91 stichyrata, 96 stigmosum, 90 strangulata, 85 striatifemur, 94 stuhlmanni, 88 stylata, 85 stylifera, 88 subcarinata, 92 sudanensis, 85 superba, Dioncomena, 83 superba, Pardalota, 91 Symmetropleura, 77, 78, 95

Tapeina, 95
Tapiena, 95
teknicus, 91
Telaea, 83
Tellidea, 96
tenuicerca, 93
tenuipes, 81
tenuis, 88
terniensis, 91
Terpnistria, 96
Tetraconcha, 96

tetrasticta, 92
Thaumatoxenia, 87
tigrina, 80
tihamae, 96
Trigonocorypha, 96
trochlearis, 88
Tropidonotacris, 96
Tropidophrys, 96
tuberculata, 96
tuberosum, 93
turbatum, 93
Tylopsis, 96

ugandana, 80 uncinata, 88 undulatus, 91 unimaculata, 94 uvarovi, 91

varia, 85 velicauda, 85 versicolor, 91
vicaria, 97
vicina, 88
villiersi, Plangia, 94
villiersi, Tylopsis, 97
viridis, 88
vitriala, 84
vittata, 97
vosseleri, 88
Vossia, 97

Weissenbornia, 98 wilverthi, 94

zanzibarica, Letana, 89 zanzibarica, Parapyrrhicia, 91 zebrata, Eurycorypha, 85 zebrata, Terpnistria, 96 Zeuneria, 98

